

Date: Thu, 30 Sep 93 22:59:00 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1160
To: Info-Hams

Info-Hams Digest Thu, 30 Sep 93 Volume 93 : Issue 1160

Today's Topics:

Batteries for HTX202
Distress signals (was Re: first sos in history)
For Sale: Ham Call CD-ROM
high speed datalink
Info on Ham Stores In DC?
Kenwood TH-28A (2 msgs)
Motorola ad in QST?
New HF Rig (2 msgs)
New license question
OE's 3000A handicounter experience
Radio Shack HamRadios?? (Advice needed)
Soundblaster(tm) for Multi-mode Digital Communications ?
Special Event Station
Stop hunter Harrassment in Michigan (2 msgs)
TH28 Help
University Amateur Radio Club Net
YAESU

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 30 Sep 1993 23:27:38 GMT
From: loral!h1b@network.ucsd.edu
Subject: Batteries for HTX202
To: info-hams@ucsd.edu

Are there battery packs available that allow the Radio Shack HTX202

transmit at full 5W of power? Or must it have 12V, such as from a car or wall xformer, to operate at 5W?

Thanks,
hlb@li.loral.com

--
hlb@li.loral.com

Date: 1 Oct 93 05:16:38 GMT
From: ogicse!uwm.edu!spool.mu.edu!sol.ctr.columbia.edu!news.cs.columbia.edu!
popovich@network.ucsd.edu
Subject: Distress signals (was Re: first sos in history)
To: info-hams@ucsd.edu

I remember reading somewhere that CQD ("CQ Distress"? "Come Quick, Danger"?) was indeed an old distress call, perhaps the oldest radio distress signal. I don't remember the source, but I think it said that the Q-signal QRR was also used as a distress signal (after CQD?), and that QRRR was also used (later?). Then after all of those, SOS was finally defined as the international standard distress call.

-Steve, WB3I

Well, it WOULD explain that gaping hole between QRQ and QRS...

Date: Wed, 29 Sep 1993 18:44:01 -0700
From: orca.es.com!cnn.sim.es.com!msanders.sim.es.com!user@uunet.uu.net
Subject: For Sale: Ham Call CD-ROM
To: info-hams@ucsd.edu

CD-ROM is sold.

Thanks guys.

Milt

Date: 1 Oct 93 01:58:42 GMT
From: ogicse!uwm.edu!spool.mu.edu!agate!usenet.ins.cwru.edu!odin!
trier@network.ucsd.edu
Subject: high speed datalink
To: info-hams@ucsd.edu

In article <27qf9iINNs14@matt.ksu.ksu.edu>,
Eric L Patterson <electro@matt.ksu.ksu.edu> wrote:
>Does anyone have plans, or know where to get plans for a
>high speed 1.2 - 2.4G 1Mb/s (or faster) datalink? Preferably
>ethernet interface, but I'll take any other interface.

This isn't much like what you asked for, but the 1993 ARRL Handbook has
a description of a 10GHz 2Mb/s datalink plus voice channel. I dunno if
that's remotely applicable to your application, though! :-)

Stephen

--

Stephen Trier KB8PWA
Work: trier@ins.cwru.edu
Home: sct@po.cwru.edu

My other terminal is an ADM-3A.
:-)

Date: Thu, 30 Sep 1993 03:18:02 GMT
From: raven.alaska.edu!acad2.alaska.edu!auchd@decwrl.dec.com
Subject: Info on Ham Stores In DC?
To: info-hams@ucsd.edu

I will be in the Bethesda, Maryland area sometime in mid October. Because I
come from the land of long winters I have a hard time finding radio equipment.
Anybody know of a good ham equipment dealer around D.C. or Maryland close to
Bethesda, eg., accessible through the Metro System?

Date: Thu, 30 Sep 1993 00:05:50 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!sol.ctr.columbia.edu!
news.kei.com!news.oc.com!merlin.etsu.edu!gumaer@network.ucsd.edu
Subject: Kenwood TH-28A
To: info-hams@ucsd.edu

K Scott Sampson,x9344,4V12 (kss@spc2ed0.nswses.navy.mil) wrote:

> I just bought a TH-28A for my wife and am interested in comments
> about this radio. I should have asked before but took the chance.
> Appears most comments are on the 78. :-(

Hi Scott,

I bought one yesterday and as far as I can tell, it's a great rig.
When I showed it to my roommate, he sat down and ordered one over
the phone! So as you can see, it's a great rig (as far as I'm

concern).

73, Mark

--

Mark Gumaer (KA5YUV) | Vice-President-Elect Radio East Texas State University
gumaer@merlin.etsu.edu | Editor Radio E.T.S.U. Newsletter
| Phone (903) 886-2084 (on weekdays)
| (903) 356-2253 (on weekends)
| FAX (903) 886-2084
| Ham Radio 146.78 or 147.02 Mhz

AKA: Don Begal in Duelmasters, Jurine DM61
Goomar in Adventures Guild, Antar

Date: 30 Sep 1993 20:21:27 GMT
From: library.ucla.edu!agate!howland.reston.ans.net!sol.ctr.columbia.edu!
hamblin.math.byu.edu!hamblin!emery@network.ucsd.edu
Subject: Kenwood TH-28A
To: info-hams@ucsd.edu

On Thu, 30 Sep 1993 00:05:50 GMT, gumaer@merlin.etsu.edu (Mark W. Gumaer) said:

K Scott Sampson,x9344,4V12 (kss@spc2ed0.nswses.navy.mil) wrote:

>I just bought a TH-28A for my wife and am interested in comments
>about this radio. I should have asked before but took the chance.
>Appears most comments are on the 78. :-(

I also just bought a TH-28A. It seems like a good radio but the antenna is lousy, actually, it seems to be a lot worse than other stock 2 meter antennas that I have used. I realize that it is a dual-band antenna and that may account for the difference. Anyway, it was disappointing to me. I also wish it had a back-lit keypad.

Emery

Date: 30 Sep 1993 18:38:35 GMT
From: haven.umd.edu!cville-srv.wam.umd.edu!ham@uunet.uu.net
Subject: Motorola ad in QST?
To: info-hams@ucsd.edu

In article <1993Sep30.131145.1@uwovax.uwo.ca>, <ppddgc@uwovax.uwo.ca> wrote:
>Did anyone else see the unusual (almost threatening implied) ad in this
>month's QST from Motorola?

>
>The implications of this ad are distressing and I plan to make this known
>to Motorola management. I hope other professionals do the same in their
>area.

Gee, that ad did seem "SERIOUS," didn't it? Wonder what industrial pirate
nipped them lately?

It seems that QST is an interesting place to run this ad, at the very
least. Maybe they think that hams are involved with piracy -

Or - note the last line - "Anyone who has knowledge of illegal activities...
...contact Motorola immediately at..." Seems that they're aiming at
people who have their feet in the door of the communications world, asking
them (I mean us) to keep our ears and eyes open for such an occurrence.

Scott NF3I

--

73,

----- The
 \ / Long Original
Scott Rosenfeld Amateur Radio NF3I Burtonsville, MD | Live \$5.00

WAC CW/SSB WAS 95% of the way to DXCC -----| Dipoles! Antenna!

Date: 29 Sep 93 17:54:10 GMT
From: auratek!epacyna@uunet.uu.net
Subject: New HF Rig
To: info-hams@ucsd.edu

In article <27prbiINN51k@altair.cs.unc.edu>, nick@cs.unc.edu (Nick England)
writes:

>
> Hear, hear !! I am one among many very happy OMNI VI owners. Ten Tec has
> an outstanding reputation for making good gear and providing good
> service. They suffer mostly from not buying enough glossy ad pages in the
> magazines (unlike Ken-com-sue) to be on everyone's most-wanted list.

>
The good news is the good service.....the bad news is that your going
to have to use it (quality, electrical design?).

Date: 29 Sep 93 18:18:47 GMT
From: auratek!epacyna@uunet.uu.net
Subject: New HF Rig
To: info-hams@ucsd.edu

In article <1993Sep23.115925.5137@lmpsbbs.comm.mot.com>,
burke_br@adcae1.comm.mot.com (Bruce Burke Sp App) writes:

>
>
> Ten-Tec pulled out of the dealerships because they couldn't
> offer the trips and other incentives that the Japanese
> companies dangled in front of the dealers nose.....
>

The truth was because their equipment was not selling well (weak demand).

> Heck, which radio would you push for a trip to Hawaii vs nothing.

Dealers sell whatever is easy. Whatever has the greatest demand and the
highest value (e.g. performance, features, quality, service, price).

Ed W1AAZ

Date: 30 Sep 93 09:17:36 EST
From: library.ucla.edu!agate!howland.reston.ans.net!math.ohio-state.edu!
pacific.mps.ohio-state.edu!ohstpy.mps.ohio-state.edu!miavx1!miavx3.mid.muohio.edu!
clmorgan@network.ucsd.edu
Subject: New license question
To: info-hams@ucsd.edu

In article <1993Sep28.000824.5862@news.uiowa.edu>, drenze@icaen.uiowa.edu (Douglas
J Renze) writes:

> A quick question about something that's confusing me. I just got my ticket
> in the mail today. Under operator privileges, it says "technician." On my
> CSCE, it said I passed my exam and earned "Technician w/HF." My questions:
> (1) Does the FCC differentiate on the Technician-class licenses between
> Tech No-code and Tech/HF?

The FCC and your VEC know the difference; however, it doesn't
show on the license. You must keep your CSCE, showing credit
for Element 1A, forever (or until you earn General or higher).

Of course, if you never operate below 30MHz, it's a moot issue.

> (2) If not, or if so and my license is in error, do I have to identify with
> the "/KE" when I use my HF privs?

I've never heard of a "/KE". No, you don't append anything
to your call. Just use "N0YVU" and you'll be OK.

> (3) If so and there is an error on my license, whom do I contact?

No error ... and no one to contact ... except a VE team for a
General exam.

> Tnx es 73,
> Doug, N0YVW
>

> --

> __	/	Douglas J Renze, N0YVW		Charter Member, Popular Front
> \ 'o.O'		+1 319 337 4664		for Revolutionary Darwinism:
> =(____)=		drenze@isca.uiowa.edu		
> U		Douglas-Renze@uiowa.edu		Evolution Now!

Welcome, Doug, to ham radio. I'm sure you'll find it
full-o-fun and make a lot of new friends.

73 & Good fortune
Carl >< K8NHE

Date: Thu, 30 Sep 1993 15:25:06 GMT
From: library.ucla.edu!agate!usenet.ins.cwru.edu!neoucom.edu!wtm@network.ucsd.edu
Subject: OE's 3000A handicounter experience
To: info-hams@ucsd.edu

I have the Opto 2810 unit with backlight option. I'll agree with
just about all the remarks in the previous article. Measured
against our tertiary standard, accuracy seems to be better than 1
part per million, with short term on the order of minutes better
than that. Let's hope. I have the unit without TXCO.

Self oscillation on prescaled 3 GHz range with prescaler is
annoying, but unit exceeds ratings in manual by quite a bit. Even
a small signal is sufficient to drown out the internal noise. The
front end has two MAR-6 units in direct reading mode and an extra
preamp for the prescaled mode.

Construction is adequate. I've seen better, but the unit is more
than servicable. As noted, the extruded aluminum channel case is

nicely painted; fairly chip resistant. I've used my unit a lot and not had any nicks yet. I put some thin rubber feet on the bottom channel to keep it from getting scratched up and tending to move around under the weight of cables when it sits on my bench.

Beware, on the 2810, the DC power supply from the regulator up to the preamp area near the input BNCs is right next to the edge of the board that fits into the slot in the case. It'd be really, really easy to short this out. I put some insulating tape over the trace.

Over all, it is a very versitile little unit. Mine DID come with the manual and full schematics and specifications. The 2810 is an older unit, so they probably had more opportunity to get a reasonalbe manual together. For the price, it is a good value. It isn't surprising a \$4,000 HP counter is better.

--

Bill Mayhew NEOUCOM Computer Services Department
Rootstown, OH 44272-9995 USA phone: 216-325-2511
wtm@uhura.neoucom.edu amateur radio 146.58: N8WED

Date: 1 Oct 93 03:36:22 GMT
From: ogicse!uwm.edu!vixen.cso.uiuc.edu!newsrelay.iastate.edu!news.iastate.edu!
pv6f14.vincent.iastate.edu!jeffries@network.ucsd.edu
Subject: Radio Shack HamRadios?? (Advice needed)
To: info-hams@ucsd.edu

In <1993Sep27.040126.26073@mnemosyne.cs.du.edu> jjuares@nyx.cs.du.edu (j. juarez)
writes:

>Also, are these units easily-modifyable? If so, what freq. can be picked
>up?

I have an HTX-202, and am *very* happy with it. There aren't very many (perhaps no) mods available for the 202. There is currently no mod to modify it for out-of-band RX & TX. That's the only reason I'm going to send my Icom 02AT (the radio my 202 replaced) in for repairs.

I haven't seen anything about the 404, nor placed my hands upon one, so I can't say too much about it. Since it looks exactly like the 202, though, I would say that the 404 isn't modifiable for out-of-band use either.

--

Anthony Glen Jeffries

Journalism and Mass Communication student
Iowa State University, Ames, Iowa
jeffries@iastate.edu

Date: 30 Sep 93 18:59:30 GMT
From: sdd.hp.com!col.hp.com!fc.hp.com!mckee@hplabs.hpl.hp.com
Subject: Soundblaster(tm) for Multi-mode Digital Communications ?
To: info-hams@ucsd.edu

Ken Edwards (cnc23a@b4pph13e.bnr.ca) wrote:
: I recently saw an advertisement in QST of a software program that will
: use the Soundblaster(tm) for SSTV decoding. I know of a public domain program
: that uses the Soundblaster(tm) for DTMF decode. The VOICEBLASTER (tm) product
: will do voice recognition.

: This leads to a simple question : "Can the Soundblaster (tm) be programmed to
: do all the 1200, 2400, 9600, afsk, psk, etc. TNC work, (Color) SSTV, WEFAX,
: RTTY, CW, AMTOR, FAX, PACTOR, CCTSS, DTMF, etc. etc. work that a multi-mode
digital controller does ?" I realize there would need to be some sort of IO
: board/port to to transmitter keying, but is it possible ?

It should be possible to do everything you ask for with "a fast enough
processor". I'd bet that 9600 baud is probably too fast for 486's, but
I don't actually have any data to prove it...

I have my own SSTV system for soundblaster, and most of the pieces to to
other things are there. It will read from the sound card, apply
arbitrary bandpass and bandstop filters, convert the samples into
frequency data, etc.

I have plans to release a limited verion as shareware, and offer either
a complete version or source to people who register. Unfortunately,
between a new job, a new baby and a new house, I have not got to it yet.

I also looked at taking PoorMansPacket (PMP), which is a publicly available
TNC that requires only a small circuit to decode frequency and connect
it to my software. It didn't look too bad, but before I got to it
all the above mentioned distractions occured.

Let me know if I can provide more info

73,

Bret NQMTA

Date: 30 Sep 93 16:04:02 GMT
From: ogicse!uwm.edu!cs.utexas.edu!gerald@cc.utexas.edu!emx.cc.utexas.edu!not-for-mail@network.ucsd.edu
Subject: Special Event Station
To: info-hams@ucsd.edu

rjgrocho@rockdal.Aud.alcatel.COM (bob grochowski) announces:

>> The Alcatel Amateur Radio Association will operate a special
>> event station on Saturday, October 2, 1993 in recognition of
>> National Quality Month. Radio station N5TBQ (Texas Best
>> Quality), will operate from . . . (rest deleted)

Quality of what, exactly? Why? - enquiring minds and all that...

Derek "low quality" Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

Date: 30 Sep 1993 09:52:32 -0500
From: library.ucla.edu!agate!howland.reston.ans.net!pipex!bnr.co.uk!corpgate!crchh327.bnr.ca!dover@network.ucsd.edu
Subject: Stop hunter Harrassment in Michigan
To: info-hams@ucsd.edu

In article <swood.749331809@vela.acs.oakland.edu>, swood@vela.acs.oakland.edu (Scott Wood) writes:

|> Last year was the first test of the new Michigan Hunter Harrassement
|> legislation. This year is bound to be fraught with its share of activism.
|>
I moved to Dallas from Ann Arbor 5 yrs ago and hadn't heard about the
"hunter harrassment".

What gives?

+-----+-----+
| Bob Dover | My opinions are just that and no more. |
+-----+-----+

Date: 30 Sep 93 19:56:29 GMT
From: ogicse!uwm.edu!spool.mu.edu!nigel.msen.com!montego!not-for-mail@network.ucsd.edu
Subject: Stop hunter Harrassment in Michigan
To: info-hams@ucsd.edu

In article <CE6y0v.43r@news.hawaii.edu>,
Jeff Herman <jherman@uhunix3.uhcc.Hawaii.Edu> wrote:
>In article <swood.749331809@vela.acs.oakland.edu> swood@vela.acs.oakland.edu
(Scott Wood) writes:
>>Last year was the first test of the new Michigan Hunter Harrassement
>>legislation. This year is bound to be fraught with its share of activism.
>>--
>
>I'll be out there each weekend with a whistle and pots and pans to bang
>on to scare off the poor little critters so you can't shoot them!

I'll be out there with bottle rockets!

>(what in the world does this have to do with ham radio?)

He said something about wanting people to "monitor the airwaves" or something. I don't know how that is supposed to help. Kinda scary to think this guy is going to be out there with a firearm...

He posted the same junk on packet.

> >Jeff NH6IL (as a
young critter: WA6QIJ)

--

Tim Tyler Internet: tim@ais.org MCI Mail: 442-5735 GEnie: T.Tyler5
P.O. Box 443 C\$erve: 72571,1005 DDN: Tyler@Dockmaster.ncsc.mil
Ypsilanti MI Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
48197

Date: Wed, 29 Sep 1993 23:59:35 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!sol.ctr.columbia.edu!
news.kei.com!news.oc.com!merlin.etsu.edu!gumaer@network.ucsd.edu
Subject: TH28 Help
To: info-hams@ucsd.edu

I also just bought a th28, if you could e-mail at my address, I would greatly appreciate it!

--

Mark Gumaer (KA5YUV) | Vice-President-Elect Radio East Texas State University
gumaer@merlin.etsu.edu | Editor Radio E.T.S.U. Newsletter
| Phone (903) 886-2084 (on weekdays)
| (903) 356-2253 (on weekends)
| FAX (903) 886-2084
Ham Radio 146.78 or 147.02 Mhz

AKA: Don Begal in Duelmasters, Jurine DM61
Goomar in Adventures Guild, Antar

Date: 1 Oct 93 01:26:37 GMT
From: news-mail-gateway@ucsd.edu
Subject: University Amateur Radio Club Net
To: info-hams@ucsd.edu

Just a reminder Once again we will call the net at 20:00 utc on 14.238.
It seems the majority of responses say this is a good time to meet. Any and
all Hams are welcome and encouraged to check in....this net is not just open
to University/colleges radio clubs and students. If you have any questions
please drop me a note and I will respond as fast as I can...73's hope to hear
you Sunday.....Gary KE9MI...Southern Illinois University
Internet: st1860@siucvmb.siu.edu
packet : ke9mi@kd9sg.#sil.il.usa.na

Date: 1 Oct 93 00:58:03 GMT
From: news-mail-gateway@ucsd.edu
Subject: YAESU
To: info-hams@ucsd.edu

In article <289d02\$etu@cville-srv.wam.umd.edu> ham@wam.umd.edu (Scott Richard
Rosenfeld) writes:

>

>Look people, it's a guy's name, and I'm sure when he named the company,
>he pictured people spelling his name right...

>

>Y----A----E----S----U.

The guy's name is Hasegawa. Yaesu is a place-name.

I-COM, on the other hand, stands (or stood) for Inouye Communications.

-Harris.

Date: 30 Sep 1993 14:29:00 GMT
From: destroyer!vela.acs.oakland.edu!vela.acs.oakland.edu!prvalko@uunet.uu.net
To: info-hams@ucsd.edu

References <27prbiINN51k@altair.cs.unc.edu>, <1163@auratek.COM>,
<28d7gn\$9f@safety.ics.uci.edu>cs.oak
Subject : Re: New HF Rig

I agree. I had a TS-440SAT and although it was a fun radio and had a ton of bells and whistles of bells and whistles, when it came down to the brass-tacks, I sold it and kept my ten year old Corsair 1 which was without question, a much better RADIO.

I do miss the general coverage rcvr though....

73 all wb8zjl =paul= mQRP #899

End of Info-Hams Digest V93 #1160
